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SEP 25 2000

PTO/SB/17 (02-98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

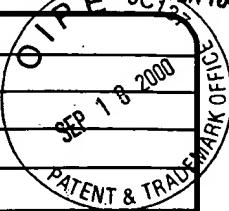
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FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT	(\$)	190.00
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Complete if Known	
Application Number	09/141,220
Filing Date	August 27, 1998
First Named Inventor	Gary A. Bannon
Examiner Name	A. Decloux
Group / Art Unit	1644
Attorney Docket No.	HS 102



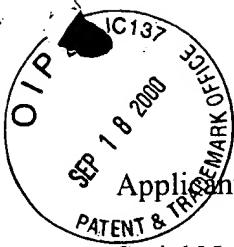
METHOD OF PAYMENT (check one)	
1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	
Deposit Account Number	01-2507
Deposit Account Name	Arnall Golden & Gregory, LLP
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other	

Fee Calculation					
1. BASIC FILING FEE					
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			
101 690	201 345	Utility filing fee			
106 310	206 155	Design filing fee			
107 480	207 240	Plant filing fee			
108 690	208 345	Reissue filing fee			
114 150	214 75	Provisional filing fee			
SUBTOTAL (1) (\$)					
2. EXTRA CLAIM FEES					
Total Claims	Extra Claims	Fee from below	Fee Paid		
13	-79	= 0	x	= 0	
Independent Claims	1	-4	= 0	x	= 0
Multiple Dependent					
Large Entity Fee Code (\$)					
103 18	203 9	Claims in excess of 20			
102 78	202 39	Independent claims in excess of 3			
104 260	204 130	Multiple dependent claim, if not paid			
109 78	209 39	** Reissue independent claims over original patent			
110 18	210 9	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$) -0-					

3. ADDITIONAL FEES	Fee Description	Fee Paid
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	
105 130	205 65	Surcharge - late filing fee or oath
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.
139 130	139 130	Non-English specification
147 2,520	147 2,520	For filing a request for reexamination
112 920*	112 920*	Requesting publication of SIR prior to Examiner action
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action
115 110	215 55	Extension for reply within first month
116 380	216 190	Extension for reply within second month
117 870	217 435	Extension for reply within third month
118 1,360	218 680	Extension for reply within fourth month
128 1,850	228 925	Extension for reply within fifth month
119 300	219 150	Notice of Appeal
120 300	220 150	Filing a brief in support of an appeal
121 260	221 130	Request for oral hearing
138 1,510	138 1,510	Petition to institute a public use proceeding
140 110	240 55	Petition to revive - unavoidable
141 1,210	241 605	Petition to revive - unintentional
142 1,210	242 605	Utility issue fee (or reissue)
143 430	243 215	Design issue fee
144 580	244 290	Plant issue fee
122 130	122 130	Petitions to the Commissioner
123 50	123 50	Petitions related to provisional applications
126 240	126 240	Submission of Information Disclosure Stmt
581 40	581 40	Recording each patent assignment per property (times number of properties)
146 690	246 345	Filing a submission after final rejection (37 CFR 1.129(a))
149 690	249 345	For each additional invention to be examined (37 CFR 1.129(b))
Other fee (specify) _____		
**Represents the difference between the fee for a <input type="checkbox"/> month extension of time and a <input type="checkbox"/> month extension of time.		
Reduced by Basic Filing Fee Paid		
SUBTOTAL (3) (\$) 190.00		

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	Patrea L. Pabst			Reg. Number	31,284
Signature				Date	09/11/00
Deposit Account User ID				Deposit Account User ID	01-2507

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

GP/1644 \$

Box Seg ND

Applicants:

Gary A. Bannon, A. Wesley Burks, Jr., Hugh A. Sampson, and Howard B. Sosin

Serial No: 09/141,220

Art Unit: 1644

Filed: August 27, 1998

Examiner: Patrick J. Nolan

For: METHODS AND REAGENTS FOR DECREASING
CLINICAL REACTION TO ALLERGY

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9/29/00 SEP 25 2000

TECH CENTER 1600/2900

Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT

SEP 25 2000

TECH CENTER 1600/2900

Sir:

Responsive to the Office Action mailed April 11, 2000, and the interview on August 15, 2000, please amend the application as follows. A revised Sequence Listing accompanies this Amendment. A petition for an extension of time for two months, up to and including September 11, 2000, and the appropriate fee for a small entity, also is enclosed.

In the Claims

8. (amended) The method of claim 1 wherein the modified allergen is formulated with an adjuvant selected from the group consisting of IL 12, IL 16, IL 18, Ifn- γ or immune stimulatory oligodeoxynucleotide sequences containing unmethylated CpG motifs which cause brisk activation and skew the immune response to a Th1-type response.

Please cancel claims 14-36.

Remarks

Restriction Requirement

Claims 1-36 were divided into seven groups. Applicants affirm their election of group I, claims 1-13 and have cancelled claims 14-36.

Sequence Listing

As discussed at the interview, a revised sequence listing and disk were mailed in this